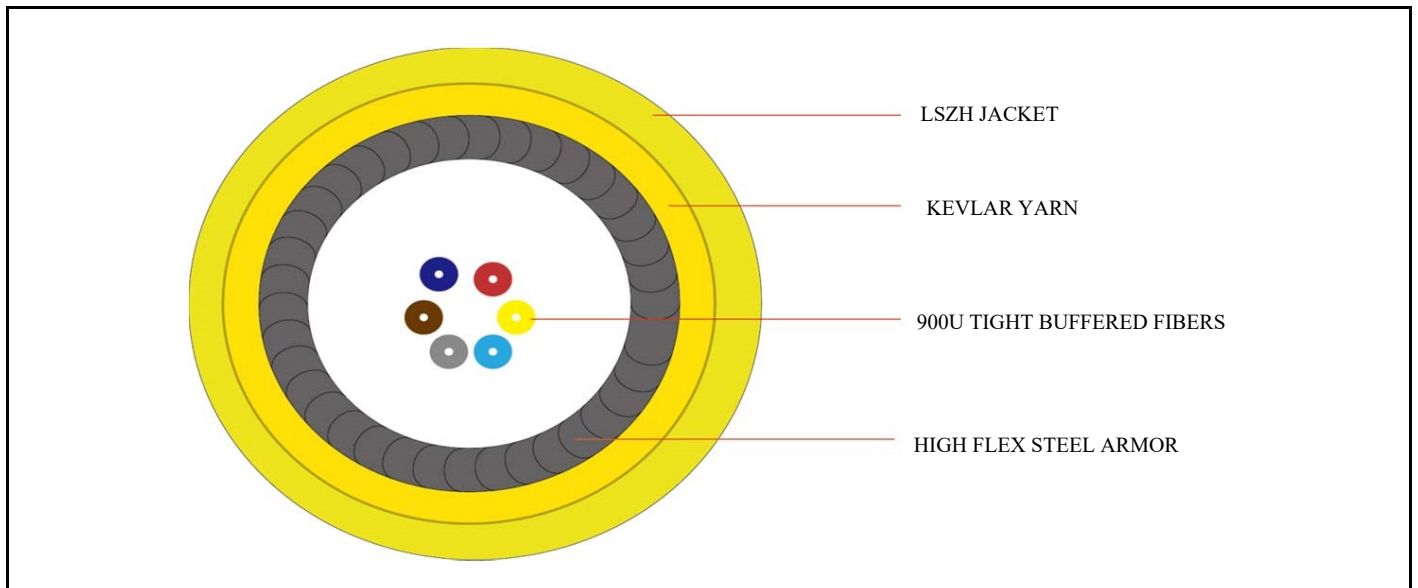


# nanoFIBER : STAINLESS STEEL ARMORED FIBER

6 STRAND SINGLMODE OS2 ARMORED LOW SMOKE ZERO HALOGEN TIGHT BUFFERED BEND INSENSITIVE GLASS

## *SPECIFICATION SHEET Item# SM6T-A2-LSZH*



### CONSTRUCTION

1. Optical Fiber: 6 Strand 900um SM G657.A2
2. Flexible Stainless Steel Metal Armor Diameter:  $4.4 \pm 0.1$ mm Material: SUS-202 Sprial
3. Kevlar Yarn
4. Outer Jacket: Color: Yellow, PANTONE 122C Cable Diameter:  $6.0 \pm 0.2$ mm
5. Cable Legend:  
SM6T-A2-LSZH P2P nanoFIBER STEEL ARMORED LSZH 6F SM OS2 9/125 G657.A2 YYWW XXXX METER

### FIBER OPTIC PARAMETERS

Optical Fiber Type	UNIT	SM G.657.A2
Wave Length	nm	1310/1550
Attenuation	dB/Km	0.5/0.4

### MECHANICAL PARAMETERS

Performance	Long-Term	Short-Term
Max. Tension(N)	100	200
Max. Crush Resistance (N/100mm)	1000	3000
Min. Bend Radius	20D (Dynamic)	10D (Static)
Storage and Operating Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$	